Automated Lightning Mapping System (ALMS) tool – documentation on the tool for this and the resource can be found at: http://gis.nwcg.gov/links_tools.html   The tool works with ArcGIS 10, 10.1 (certified), and has been successfully tested with 10.2, 10.2.1, and 10.2.2. This allows you to download data for geographic extent within date/time ranges. See the User's Manual for more information on what this system provides - http://gis.nwcg.gov/tools/alms_user_guide_ArcGIS10_beta_20130510.docx
Yes you can download the data for further analysis or mapping here. This requires you have a login/password to the ALMS system - http://www.nifc.blm.gov/   through the Wildland Fire Management Information System (https://www.nifc.blm.gov/cgi/WfmiHome.cgi). Use the Access Request button to establish a login/password. If you are not a Federal employee you may need a sponsorship to gain access.

LightningMaps.org – http://www.lightningmaps.org/realtime?lang=en free lightning maps and applications – nice web application with apps for mobile devices (Android mostly). Zoom update – IE 11, Chrome, FireFox work with zoom, IE 8 does appear to work. Services here, but requires login/password – seems you can only get this if you have a station. On a mobile device? The link above is optimized for mobile devices. No downloading of data found.

Blitzortung.org –this is the data source for the above web tool. Also has an interface for viewing lighting data. http://www.blitzortung.org/Webpages/index.php?lang=en&page_0=30   Services are available, but password protected for participants only. It doesn't appear that you can zoom in. Same as LightningMaps.org above.

Intellicast.com –has a lightning strikes map at: http://www.intellicast.com/Storm/Severe/Lightning.aspx - this is also a static map that will not let you zoom in. The interactive map doesn't have lightning in it that I can see. No downloading of data found.

WeatherBug.com – has lightning maps at: http://weather.weatherbug.com/lightning.html   - here you can type in a city name or zipcode (Use GO button to load) and you will get a closer picture of lightning in the area. No downloading of data found.

==WeatherTap.com – lightning tracker/radar and more at: http://www.weathertap.com/   – subscription fee $8.00/month – test it for 2 weeks for free. Requires Java on PC, mobile iOS part of subscription, but not quite as robust.==

ArcGIS Online – http://www.arcgis.com/home/ worth keeping an eye on. There are some lightning services here, some work, some don't. Downloading not tested.

Lightning Applications – the quick list – sorry, just iOS now – if you are using any of these let me know how you like them or not, if you have android apps I am happy to add these as well. No downloading of data available.
- Lightning Finder – $5.99 subscription, 3 stars, iPad and iPhone – 7 day free trial – displays current lightning strikes in near real time for the 48 states and some beyond. Allows for 1 hour history as well.
- LiveLightning – FREE, 3 stars, iPad and iPhone – for USA North – you must set this in the setting or you won't see anything in US – Europe is the default. Nice app – tools all toggle (click to activate, click to undo), tap strike to

get date/time info. This is part of the LightningMap.org and Blitzortung.org tools noted above.

- BoltMeter Lightning - $1.99, 2 stars, iPad and iPhone – does 30 mi from you, requires GPS, claims it is actual lightning strikes, provides compass with map behind.
- Flash Boom – Free, 5 stars, iPad and iPhone – calculates distance to lightning
- Lightning Locator - $0.99, 2 stars, iPad and iPhone – calculates distance to lightning

Maintained by Lorri Peltz-Lewis and a cast of characters! Thanks to Suzann Leininger, Johnathan Wilson, and Willy Crippen! ☺